

U.S. DEPARTMENT OF COMMERCE
National Institute of Standards and Technology

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NIST SP790, Volume 2

National Bureau of Standards Publications 1977-1987: Indexes

Rebecca Pardee
Ernestine Gladden
Donald Harris



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CATALOG STRUCTURE AND USE

Volume 1 contains full bibliographic citations, key words, and abstracts for 15,746 National Bureau of Standards (NBS) (as of August 23, 1988 the National Institute of Standards and Technology (NIST)) papers published and entered into the National Technical Information Service (NTIS) collection between 1977 and 1987. Also included are several papers published prior to 1977 but not entered into the NTIS collection until 1977.

Entries are arranged by NTIS subject classifications which consist of 38 broad subject categories (see back cover) and over 350 subcategories. Within a subcategory, entries are listed alphanumerically by NTIS order number. The abstract numbers run consecutively from the first entry to the last.

Volume 2 contains four indexes to allow the user to identify papers by personal author, key words, title, and NTIS order/report number. Each entry contains the appropriate title, the NTIS order number, and the abstract number.

Papers may also be identified by searching the NTIS database either online via commercially available systems such as DIALOG, or in the issues of NTIS's *Government Reports Announcements and Index* and its *Government Reports Annual Index*.

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Two other sources for publications cited herein are depository libraries (libraries designated to receive Government publications) and Department of Commerce District Offices. Depository libraries are listed in Appendix A Volume 1. While not every Government publication is sent to all depository libraries, certain depositories designated as Regional Depositories receive and retain one copy of all Government publications made available. Contact the depository library in your area to obtain information on what is available and where.

Department of Commerce District Offices listed in Appendix B Volume 1 provide ready access at the local level to publications, statistical data and summaries, and surveys. Each District Office serves as an official sales agency of the Superintendent of Documents, U.S. Government Printing Office. A wide range of Government publications can be purchased from these offices. In addition, the reference library of each District Office contains review copies of many Government publications.

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Some Methods of Processing Experimental Data in the Determination of a Diffusion Coefficient (O Nekotorekh Sposobakh Obrabotki Eksperimental'nekh Dannekh po Opredeleniu Koeffitsienta Diffuzii)--Translation.
PB-280 766-T 711,390 PC A03/MF A01

DMDC-16388
Mechanism of Oxidation of Copper and the Structure of the Copper Oxide Layers (O Structure Mednoi Okaliny i Mekhanizme Oksleniya Medi)--Translation.
PB-281 527-T 711,410 PC A02/MF A01

DMDC-16607
Reaction and Formation of Copper Oxides at High Temperatures (O Mekhanizme Oksleniya Medi V Vozdushnoi Srede Pri Vysokoi Temperature)--Translation.
PB-281 520-T 711,408 PC A02/MF A01

DMDC-16945A
Diffusion Processes in Metal Welding--Translation.
PB80-212814 711,129 PC A03/MF A01

DMDC-16945B
Diffusion Processes in Annealing Irradiated Metals--Translation.
PB80-218712 711,483 PC A03/MF A01

DMDC-16945-C
Elastic Diffusion of Two Pores in an Anisotropic Crystal--Translation.
PB80-224967 711,490 PC A02/MF A01

DMDC-17020
Diffusion Phenomena and Newly Formed Minerals during the Interaction of Chalcopyrite with Iron Sulfides at 250-600C (Diffuzionnyye Yavleniya i Novoo'razovanie Mineralov pri Vzaimodeistvii Khal'kopirita s Sul'fidami Zheleza v Oblasti Temperatur 250-600C)--Translation.
PB-300 713-T 712,647 PC A02/MF A01

DMDC-17265
Adherence of Cuprous Oxide Layer--Translation.
PB80-114556 710,973 PC A02/MF A01

DMDC-17266
Morphology of Oxides on Copper (Prirode i Svoistvakh Meikristallichesekikh Prolock Zakici Medi)--Translation.
PB-281 519-T 711,407 PC A02/MF A01

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High Temperature Kinetics of Oxide Formation on Copper (Nckotopye Noprozy Kinetiki Protssesa Oks Leniya Meoli i Rosta Kristallov Zakici Medi)--Translation.
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DMDC-17342
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DMDC-17361
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PB-278 018-T 711,381 PC A02/MF A01

DMDC-17495
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PB-283 086-T 711,413 PC A02/MF A01

DMDC-17513
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DMDC-17514
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DMDC-17716
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- EPA/550/9-77/401**
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- FIPS PUB 1-2**
Code for Information Interchange, Its Representations, Subsets, and Extensions.
FIPS PUB 1-2 707,288 PC\$20.40
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Perforated Tape Code for Information Interchange.
FIPS PUB 2-1 707,315 PC\$7.00
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Codes for the Identification of the States, the District of Columbia and the Outlying Areas of the United States, and Associated Areas. Category: Data Standards and Guidelines. Subcategory: Representations and Codes.
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